INTERNATIONAL SEARCH REPORT	r	International application No.	
INTERNATIONAL SEARCH REFORM	(-70)	Pettuson	4 42022
A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G01N 33/553 US CL : 436/526; 435/287.3;422/63 According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 436/526; 435/287.3:422/63			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			Relevant to claim No.
Category * Citation of document, with indication, where app	propriate, of the relev	ant passages	I and 4-6
X US 6,649,419 B1 (ANDERSON) 18 November 2003 (18.11.2003), col. 17, lines 41-51, column 18, lines 16-67, column 26, lines 39-53 and Figures 25-28			2, 3, and 7-12
X US 4,272,510 (SMITH et al.) 09 June 1981 (09.06.1981) column 5, lines 3-7, column 5, lines 62-column 6, line 5 and Figure 5			1 and 4-6 2, 3, and 7-18
X Y US 6,297,062 B1 (GOMBINSKI) 02 October 2001 (02.10.2001), column 13, line 66-column 14, line 12			1 and 4-6 2, 3, and 7-18
X US 5,567,326 (EKENBERG et al.) 22 Ocobert 1996 (22.10.1996), column 7, lines 44-52 and Figures 10 and 11			1 and 4-6
Y Pigures 10 and 11		·	2, 3, and 7-18
Further documents are listed in the continuation of Box C.		family annex.	
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance.	date and not principle or	in conflict with the applic theory underlying the inve	j
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone		
"C" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art		
"P" document published prior to the international filing date but later than the priority date claimed	"&" document n	nember of the same patent	
Date of the actual completion of the international search	Date of mailing of the international search report		
13 May 2005 (13.05.2005) Name and mailing address of the ISA/US Authorized officer			

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